If you are using a printed copy of this procedure, and not the on-screen version, then you <u>MUST</u> make sure the dates at the bottom of the printed copy and the on-screen version match.

The on-screen version of the Collider-Accelerator Department Procedure is the Official Version.

Hard copies of all signed, official, C-A Operating Procedures are kept on file in the C-A ESHQ

Training Office, Bldg. 911A.

C-A OPERATIONS PROCEDURES MANUAL

ATTACHMENT

1.5.d Safety Information for Verification of De-Energization of Circuits for Sub-Range C

Text Pages 2

C-A OPM Procedures in which this Attachment is used.						
1.5						

Hand Processed Changes

HPC No.	<u>Date</u>		<u>Page Nos.</u>		<u>Initials</u>	
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P. Cirnigliaro

Safety Information for Verification of De-Energization of Circuits for Sub-range C

1. Identify and locate:

Power sources and shutoff devices Emergency telephones

2. Establish work area:

Notify affected personnel Cordon off work area

- 3. Remove conductive apparel
- 4. Review NFPA 70E for proper Personal Protective Equipment
- 5. Wear Safety Glasses.
- 6. Measurement technique:

Ground one terminal of tester Measure to ground Use one hand at a time

- 7. De-energize all sources and stored energy devices Verify
- 8. Lock-out and Tag-out all sources of energy: Verify
- 9. Use "WIGGY" or similar tester to verify
- 10. Stop work and report to supervisor in any warning conditions exist
- 11. Perform Testing
- 12. STOP if terminal cannot be reached or is not in sight
- 13. On completion of work:

Remove all materials and equipment Close enclosures Remove barriers Notify affected personnel Remove locks and tags Re-energize equipment Report to supervisor